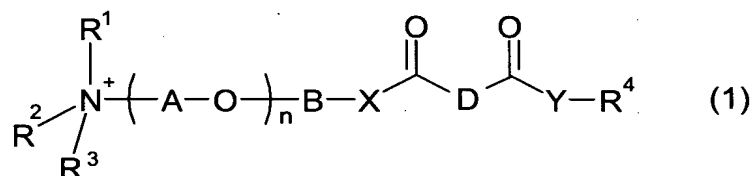


This listing of claims will replace all prior versions, and listings, of claims in the application:

1.(Currently Amended) ~~The use of compounds of the A method for inhibiting corrosion and gas hydrate formation, said method comprising adding to a mixture of hydrocarbons and water a compound of formula (1)~~



where

$\text{R}^1, \text{R}^2$  are each independently  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or

$\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl,

$\text{R}^3$  is  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or  $\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl,

$-\text{CHR}^5-\text{COO}^-$  or  $-\text{O}^-$ ,

$\text{R}^4$  is M, hydrogen or an organic radical having ~~which optionally contains~~

~~heteroatoms and has~~ from 1 to 100 carbon atoms,

A is a  $\text{C}_2$ - to  $\text{C}_4$ -alkylene group,

B is a  $\text{C}_1$ - to  $\text{C}_{10}$ -alkylene group,

D is an organic radical having ~~which optionally contains heteroatoms and has~~ from 1 to 600 carbon atoms,

X, Y are each independently O or  $\text{NR}^6$ ,

$\text{R}^5, \text{R}^6$  are each independently hydrogen,  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or  $\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl, and

M is a cation

n is a number from 1 to 30

~~as corrosion inhibitors and gas hydrate inhibitors.~~

2.(Currently Amended) The ~~use as claimed in~~ method of claim 1, wherein A is an ethylene or propylene group.

3.(Currently Amended) The ~~use as claimed in~~ method of claim 1 ~~[[and/or 2]],~~ wherein B is a C<sub>2</sub>- to C<sub>4</sub>-alkylene group.

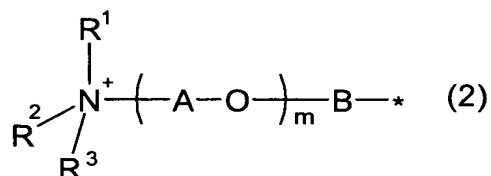
4.(Currently Amended) The method of claim 1 ~~use as claimed in one or more of~~ ~~claims 1 to 3~~, wherein R<sup>1</sup> and R<sup>2</sup> are each independently an alkyl or alkenyl group of from 2 to 14 carbon atoms.

5.(Currently Amended) The method of claim 1 ~~use as claimed in one or more of~~ ~~claims 1 to 4~~, wherein R<sup>3</sup> is an alkyl or alkenyl group having from 1 to 12 carbon atoms.

6.(Currently Amended) The method of claim 1 ~~use as claimed in one or more of~~ ~~claims 1 to 5~~, wherein R<sup>5</sup> and R<sup>6</sup> are hydrogen.

7.(Currently Amended) The method of claim 1 ~~use as claimed in one or more of~~ ~~claims 1 to 6~~, wherein n is a number in the range from 1 to 10.

8.(Currently Amended) The method of claim 1 ~~use as claimed in one or more of claims 1 to 7~~, wherein  $R^4$  is a radical of the formula (2)



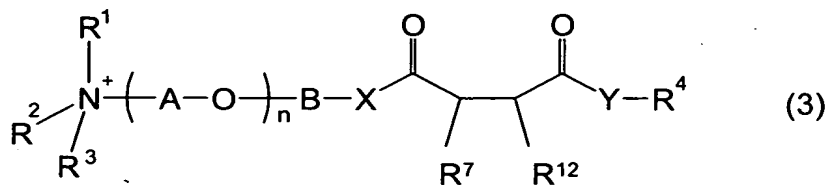
where  $R^1$ ,  $R^2$ ,  $R^3$ , A and B are each as defined in claim 1, and m, independently of n, is a number in the range from 0 to 30.

9.(Currently Amended) The method of claim 1 ~~use as claimed in one or more of claims 1 to 8~~, wherein

D is a  $C_2$ - to  $C_{50}$ -alkylene or  $C_2$ - to  $C_{50}$ -alkenylene group.

10.(Currently Amended) The method of claim 1 ~~use as claimed in one or more of claims 1 to 8~~, wherein D is derived from substituted succinic acid derivatives having from 10 to 100 carbon atoms.

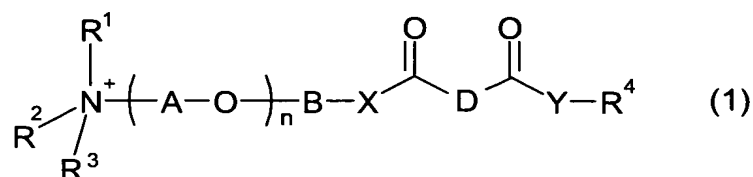
11.(Currently Amended) The method of claim 1 ~~use as claimed in one or more of claims 1 to 8~~, wherein D is a radical of the formula (3)



where

$R^7$  and  $R^{12}$  are each either hydrogen or a  $C_2$ - to  $C_{100}$ -alkyl or  $C_2$ - to  $C_{100}$ -alkenyl radical which is obtainable as an oligomer of  $C_2$ - to  $C_8$ -alkenes and may be straight-chain or branched, with the proviso that exactly one of the  $R^7$  and  $R^{12}$  radicals is hydrogen, and  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ , A, B, X, Y and n are each as defined in claim 1.

12.(Currently Amended) A compound of the formula (1)



where

$R^1$ ,  $R^2$  are each independently  $C_1$ - to  $C_{22}$ -alkyl,  $C_2$ - to  $C_{22}$ -alkenyl,  $C_6$ - to  $C_{30}$ -aryl or  $C_7$ - to  $C_{30}$ -alkylaryl,

$R^3$  is  $C_1$ - to  $C_{22}$ -alkyl,  $C_2$ - to  $C_{22}$ -alkenyl,  $C_6$ - to  $C_{30}$ -aryl or  $C_7$ - to  $C_{30}$ -alkylaryl,  $-CHR^5-COO^-$  or  $-O^-$ ,

$R^4$  is M, hydrogen or an organic radical having ~~which optionally contains~~ heteroatoms and has from 1 to 100 carbon atoms,

A is a  $C_2$ - to  $C_4$ -alkylene group,

B is a  $C_1$ - to  $C_{10}$ -alkylene group,

D is an organic radical having ~~which optionally contains~~ heteroatoms and has from 1 to 600 carbon atoms,

X, Y are each independently O or  $NR^6$ ,

$R^5$ ,  $R^6$  are each independently hydrogen,  $C_1$ - to  $C_{22}$ -alkyl,  $C_2$ - to  $C_{22}$ -alkenyl,  $C_6$ - to

C<sub>30</sub>-aryl or C<sub>7</sub>- to C<sub>30</sub>-alkylaryl, and

M is a cation

n is a number from 1 to 30.

13.(New) The method of claim 1, wherein R<sup>4</sup> contains heteroatoms.

14.(New) The method of claim 1, wherein D contains heteroatoms.

15.(New) The compound of claim 12, wherein R<sup>4</sup> contains heteroatoms.

16.(New) The compound of claim 12, wherein D contains heteroatoms.